Work Order ID 75337 \*75337\* Page 1 October-21-11 7:56:48 AM Item ID: D3212-1 Accept \*N900040100\* Setup Start **Revision ID:** Stop Floor Window Item Name: Start Qty: 6.00 **Start Date:** 20/10/2011 **Cust Item ID: Required Date:** 08/11/2011 Req'd Qty: 6.00 **Customer:** Reference: Start Run Process Plan: M.L.J Date: 1/10/21 Tooling: ' Approvals: Date: Stop QC: Date: 3 SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Reject Accept Reject Insp. Work Center ID Description Qty **Run Hours** Code **Qty** Number Stamp **Draw Nbr** Revision Nbr \*\* D3212 C 100 0.00 FLOW WATER JET \*100\* B1-12-Waterjet Memo 1-Cut blankas per Dwg D3212 Dwg Rev: Prog Rev: FLOW CNC Waterjet 2-Deburr if necessary 110 0.00 HAAS CNC VERTICAL MACHINING #1 \*110\* 1811-111-1 HAAS 1 .SL11-11-23 HAAS CNC vertical machine #1 Machine as per Folio FA349 and Dwg D3212 120 QC2- Inspect parts off machine FAI/FAIB 0.00 JL11-11-23 \*120\* OC 0.00 Memo

Quality Control

| Dart | <b>Aeros</b> | pace | Ltd |
|------|--------------|------|-----|
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| W/O:    |          |                                | WC  | RK ORDER CHANG | ES            |           |                 |                               | ······································ |
|---------|----------|--------------------------------|---|----------------|---------------|-----------|-----------------|-------------------------------|--|
| DATE    | STEP     | PRO                            | PROCEDURE CHANGE  |                |               | Date      | Qty             | Approval Chief Eng / Prod Mgr | Approval<br>QC Inspector               |
|         |          |                                |   |                |               |           |                 |                               |  |
|         |          |                                |   |                |               |           |                 |                               |  |
|         |          |                                |   |                |               |           |                 |                               |  |
|         |          | 778                            | <del></del>   |                |               |           |                 |                               |  |
| Part No | Part No: |                                | Fault Cate  | gory:          | _ NCR: Yes    | No DQ     | <b>A</b> :      | Date: _                       |  |
|         | Re       | solution:                      | Dispositio  | າ:             | _ QA: N/C (   | Closed:   |                 | Date: _                       |  |
| NCR:    |          |                                | WORK ORDI   | R NON-CONFORMA | NCE (NC       | R)        |                 |                               |  |
| DATE    | STEP     | Description of NC<br>Section A | Corrective Action Initial Action Descript Chief Eng Chief Eng |                | on B Sign Dat | &   Secti | cation<br>ion C | Approval<br>Chief Eng         | Approval<br>QC Inspector               |
|         |          |                                |   | S.not Eng      |               |           |                 |                               |  |
|         |          |                                |   |                |               |           |                 |                               |  |
|         |          |                                |   |                |               |           |                 |                               |  |
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|         |          |                                |   |                |               |           |                 |                               |  |

Work Order ID 75337 \*75337\* Page 2 October-21-11 7:56:48 AM Item ID: D3212-1 Accept \*N900040100\* Setup Start **Revision ID:** Stop Item Name: Floor Window Start Qty: 6.00 **Start Date:** 20/10/2011 **Cust Item ID: Required Date:** 08/11/2011 Req'd Qty: 6.00 **Customer:** Reference: Run Start Process Plan: **Tooling: Approvals:** Date: Date: SPC (Y/N): Date: Date: Sequence ID/ **Operation** Set Up/ Tool ID Tool # Plan Accept Reject Reject Insp. **Work Center ID** Description Code **Run Hours** Qty Oty Number Stamp 130 QC8- Inspect parts - second check 0.00 oil n/u/23 \*130\* 0.00 Memo **Quality Control** 140 0.00 Small Fab \*140\* Small Fab 0.00 Memo Small Fab 1-Deburr if necessary2-Install label as per Dwg D32123- polish abrasion scratchs if necessary. 4-Wrap in plastic wrap after inspection

150

QC5- Inspect part completeness to step on W/O 0.00

\*150\* QC

Memo

Quality Control

0.00

| Dart . | <b>Aeros</b> | pace | Ltd |
|--------|--------------|------|-----|
|--------|--------------|------|-----|

| W/O:    |      | WAY 844                        | WC                         | RK ORDER CHANG     | SES       |        |          |                               |                          |
|---------|------|--------------------------------|----------------------------|--------------------|-----------|--------|----------|-------------------------------|--------------------------|
| DATE    | STEP | PR                             | PROCEDURE CHANGE           |                    |           | Date   | Qty      | Approval Chief Eng / Prod Mgr | Approval<br>QC Inspector |
|         |      |                                |                            |                    |           |        |          |                               |                          |
|         |      |                                |                            |                    |           |        |          |                               |                          |
|         |      |                                |                            |                    |           |        |          |                               |                          |
| Part No |      |                                | Fault Cate                 | Fault Category: NO |           |        | A: Date: |                               |                          |
|         | Re   | esolution:                     | Disposition                | n:                 | QA: N/C C | losed: |          | Date: _                       |                          |
| NCR:    |      |                                | WORK ORDI                  | ER NON-CONFORM     | ANCE (NCI | ₹)     |          |                               |                          |
| DATE    | STEP | Description of NC<br>Section A | Initial Action Description |                    | sign o    |        |          | Approval<br>Chief Eng         | Approval<br>QC Inspector |
|         |      |                                | Chief Eng                  | Chief Eng          | Date      |        |          |                               |                          |
|         |      |                                |                            |                    |           |        |          |                               |                          |
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Work Order ID 75337 \*75337\* Page 3 October-21-11 7:56:48 AM Item ID: D3212-1 Accept \*N900040100\* Setup Start **Revision ID:** Item Name: Floor Window Start Qty: 6.00 **Start Date:** 20/10/2011 **Cust Item ID: Required Date:** 08/11/2011 Req'd Qty: 6.00 **Customer:** Reference: Run Start Approvals: Process Plan: Tooling: Date: Date: Date:\_ SPC (Y/N): Date: Sequence ID/ Operation Tool ID Set Up/ Tool # Plan Reject Accept Reject Insp. **Work Center ID** Description **Run Hours** Qty Qty Number Stamp Code Identify as per dwg & Stock Location 160 0.00 \*160\* Packaging 0.00 Memo Packaging

170

QC21- Final Inspection - Work Order Release

0.00

\*170\*

QC

0.00

Memo Quality Control

| W/O:    |                                  |   | W                    | ORK ORDER CHANG              | ES    |                | ******       |          |                               |                          |
|---------|----------------------------------|---|----------------------|------------------------------|-------|----------------|--------------|----------|-------------------------------|--------------------------|
| DATE    | STEP                             | PRO   | OCEDURE CH           | ANGE                         |       | Ву             | Date         | Qty      | Approval Chief Eng / Prod Mgr | Approval<br>QC Inspector |
|         |                                  |   |                      |                              |       |                | / <b>(</b> ) |          |                               |                          |
|         |                                  |   |                      |                              |       |                | • ,          |          |                               |                          |
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| Part No | :                                | PAR #:  | Fault Cate           | egory:                       | _ NCI | R: Yes         | No DQA       | ۱:       | _ Date: _                     |                          |
|         | R                                | esolution:                                    | Disposition          | on:                          | QA    | N/C CIG        | sed:         |          | Date:                         |                          |
| NCR:    |                                  |   | WORK ORD             | DER NON-CONFORMA             | ANCE  | (NCR           | )            |          |                               |                          |
| DATE    | CTED                             | Description of NC Corrective Action Section B |                      |                              |       | Verific        | ication      | Approval | Approval                      |                          |
| DATE    | STEP Description of NC Section A | Section A                                     | Initial<br>Chief Eng | Action Description Chief Eng |       | Sign &<br>Date | Section      |          | Chief Eng                     | QC Inspector             |
|         |                                  |   |                      |                              |       |                |              |          |                               |                          |
|         |                                  |   |                      |                              |       |                |              | ***      |                               |                          |
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|         |                                  |   |                      |                              |       |                |              |          | ,                             |                          |

#### **Picklist Print**

October-21-11 7:56:53 AM

Work Order ID: 75337

\*75337\*

Parent Item:

D3212-1

\*D3212-1\*

Parent Item Name: Floor Window

Start Date: 20/10/2011

**Required Date:** 08/11/2011

Page 1

Start Qty: 6.00

Required Qty: 6.00

Comments:

IPP Rev: A New Issue

IPP Rev: B Water jet/ecn798

05-11**-**09 JLM 06-05-08 EC

IPP rev.C

back on haas

07.04.09 EC

| Component Item ID/<br>Item Name | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty | Qty<br>Issued | Date<br>Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| D2728-1                         |                        | Manufactured  | No          |                     |                  | 100             | Each               | 0.0000         | 0           | 0//          | / /           | /              |        |
| *D2728-17 Dart Logo label       | <b>*</b>               |               |             |                     |                  |                 | Ø                  |                | **          | JS.          | y/11/6        | 19             |        |
| MACRLICS.125                    |                        | Purchased     | No          |                     |                  | 140             | sf                 | 59.2434        | 0.9745      | 6.15473      | 7             |                |        |
| *MACRI IC                       | CS 125*                |               |             |                     |                  |                 |                    |                | **          | BI           | 41-1          |                |        |

1/8" Polycast II Sheet

| Location | Loc Qty | Loc Code |                |
|----------|---------|----------|----------------|
| MAT      | 55.9967 |          |                |
| 117431   | 55.9967 |          | <u> 117431</u> |
| MAT018   | 0.2467  |          |                |
| 117324   | 0.2467  |          |                |
| MAT019   | 3       |          |                |
| 115338   | 3       |          |                |
| 115338   | 3       |          |                |



|                                 | •                |                   |                                       |                              |          |                  |     |                               |                          |
|---------------------------------|------------------|-------------------|---------------------------------------|------------------------------|----------|------------------|-----|-------------------------------|--------------------------|
| W/O:                            |                  |                   | W                                     | ORK ORDER CHANG              | ES       |                  |     |                               |                          |
| DATE                            | STEP             | PRO               | CEDURE CH                             | ANGE                         | Ву       | Date             | Qty | Approval Chief Eng / Prod Mgr | Approval<br>QC Inspector |
|                                 |                  |                   |                                       | •                            |          |                  |     |                               |                          |
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|                                 |                  |                   |                                       |                              |          |                  |     |                               |                          |
| Part No                         | •                | PAR #:            | Fault Cat                             | egory:                       | NCR: Yes | No DQA           | \:  | Date:                         |                          |
| Resolution: Disposition: QA: N/ |                  |                   |                                       |                              |          |                  |     |                               |                          |
| NCR:                            |                  | V                 | VORK ORI                              | DER NON-CONFORMA             | NCE (NCF | <b>R</b> )       |     |                               |                          |
| DATE                            | STEP             | Description of NC | Description of NC Corrective Actio    |                              | Verifica |                  |     | Approval                      | Approval                 |
| DAIL                            | SIEF             | Section A         | Initial<br>Chief Eng                  | Action Description Chief Eng |          | Sign & Section C |     | Chief Eng                     | QC Inspector             |
|                                 |                  |                   |                                       |                              |          |                  |     |                               |                          |
|                                 |                  |                   |                                       |                              |          |                  |     |                               |                          |
|                                 | 1<br>1<br>1<br>1 |                   |                                       |                              |          |                  |     |                               |                          |
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|                                 |                  |                   |                                       |                              |          |                  |     |                               |                          |

| DART AEROSPACE LTD           | Work Order:  | 75337       |
|------------------------------|--------------|-------------|
| Description: Floor Window    | Part Number: | D3212-1     |
| Inspection Dwg: D3212 Rev: B |              | Page 1 of 1 |

#### FIRST ARTICLE INSPECTION CHECKLIST

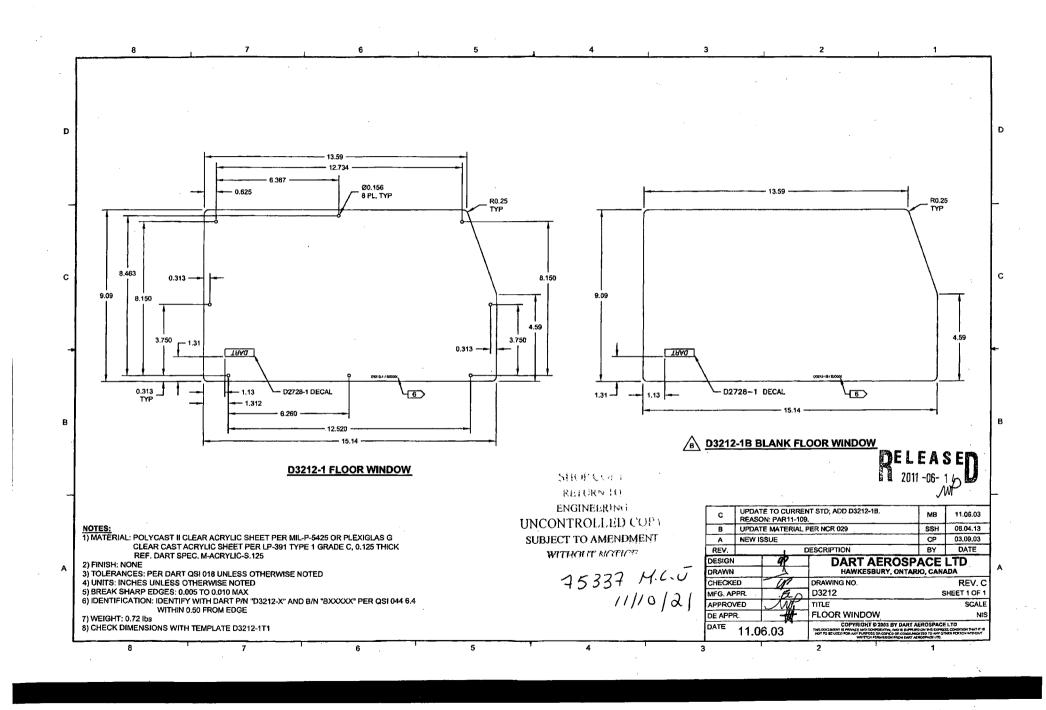
|  | Х | First Article | Prototype |
|--|---|---------------|-----------|
|--|---|---------------|-----------|

| Drawing<br>Dimension | Tolerance     | Actual<br>Dimension | Accept | Reject | Method of Inspection | Comments |
|----------------------|---------------|---------------------|--------|--------|----------------------|----------|
| 12.734               | +/-0.005      | 12734               |        |        | H-G                  |          |
| 6.367                | +/-0.005      | 6.367               |        |        | 1.1.5                |          |
| 0.625                | +/-0.005      | .625                |        |        |                      |          |
| Ø0.156               | +0.005/-0.001 | -156                |        |        |                      | -        |
| R0.25                | +/-0.030      | -25                 |        |        |                      |          |
| 8.150                | +/-0.005      | 8.150               |        |        | VRIN CNC-OZ          |          |
| 3.750                | +/-0.005      | 3-750               | /      |        | Will Che Us          | -        |
| 0.313                | +/-0.010      | -313                | /      |        |                      |          |
| 15.14                | +/-0.030      | 15.141              | /      | -      |                      |          |
| 12.520               | +/-0.005      | 12.520              | /      |        |                      |          |
| 6.260                | +/-0.005      | h-260               |        |        |                      |          |
| 1.312                | +/-0.005      | 1-312               | /      |        |                      |          |
| 0.313                | +/-0.010      | -312                |        |        |                      |          |
| 3.750                | +/-0.005      | 3,450               |        |        |                      |          |
| 8.150                | +/-0.005      | 8-150               |        |        |                      |          |
| 8.462                | +/-0.005      | 8.413               |        |        |                      |          |
| 9.09                 | +/-0.030      | 9-09                |        |        |                      |          |
|                      |               | ,                   |        |        |                      |          |
|                      |               |                     |        |        |                      |          |
|                      |               |                     |        |        |                      |          |
|                      |               |                     |        |        |                      | 12.75    |
|                      |               |                     |        |        |                      |          |

| Measured by: | ント       | Audited by: | Sul      | Prototype Approval: | N/A |
|--------------|----------|-------------|----------|---------------------|-----|
| Date:        | 11-11-23 | Date:       | 11/11/23 | Date:               | N/A |

| Rev | Date     | Change                               | Revised by | Approved |
|-----|----------|--------------------------------------|------------|----------|
| Α   | 03.12.15 | New Issue P/O D350-567-015/-025/-031 | KJ/RF      | 1        |
| В   | 07.05.28 | Dimensions updated per Dwg Rev. B    | KJ/JLM X   |          |

| W/O:       |      |                  | W                                      | ORK ORDER CHANG              | ES             | *************************************** |                               |                          |
|------------|------|------------------|--|------------------------------|----------------|---|-------------------------------|--------------------------|
| DATE       | STEP | PROCEDURE CHANGE |  |                              | Ву             | Date C                                  | Approval Chief Eng / Prod Mgr | Approval<br>QC Inspector |
|            |      |                  |  |                              |                |   | Floativigi                    |                          |
|            |      |                  |  |                              |                |   |                               |                          |
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| 374116.4.1 |      |                  | ······································ |                              |                |   |                               |                          |
| Part No:   |      | PAR #:           | Fault Cate                             | gory:                        | _ NCR: Yes 1   | No DQA:_                                | Date:                         | ···                      |
|            | Re   | esolution:       | Dispositio                             | n:                           | _ QA: N/C Clo  | sed:                                    | Date: _                       |                          |
| NCR:       |      |                  | WORK ORD                               | ER NON-CONFORMA              | NCE (NCR)      | )                                       |                               |                          |
| DATE       | STEP |                  |  | Corrective Action Section B  |                | Verificati                              | on Approval                   | Approval                 |
|            |      |                  | Initial<br>Chief Eng                   | Action Description Chief Eng | Sign &<br>Date | Section C                               |                               | QC Inspector             |
|            |      |                  |  |                              |                |   |                               |                          |
|            |      |                  |  |                              |                |   |                               |                          |
|            |      |                  |  |                              |                |   |                               |                          |
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| W/O:        |      |   | V                    | ORK ORDER CHANGE             | S              |                 |                               |  |
|-------------|------|---|----------------------|------------------------------|----------------|-----------------|-------------------------------|--|
| DATE STEP   |      | PROCEDURE CHANGE                            |                      |                              | Ву             | Date Qty        | Approval Chief Eng / Prod Mgr | Approval<br>QC Inspector                     |
|             |      |   |                      |                              |                |                 |                               |  |
|             |      |   |                      |                              |                |                 |                               |  |
|             |      |   |                      |                              |                |                 |                               |  |
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|             |      |   |                      |                              |                |                 |                               |  |
| Part No:    |      | PAR #:                                      | _ Fault Ca           | legory:                      | NCR: Yes       | lo <b>DQA</b> : | Date: _                       | <u>.                                    </u> |
| Resolution: |      |   |                      |                              |                |                 |                               |  |
| NCR:        |      | W   | ORK ORI              | DER NON-CONFORMAL            | NCE (NCR)      | )               |                               |  |
| DATE        |      | Description of NC Corrective Action Section |                      |                              | ı B            | Verification    | Approval                      | Approval                                     |
|             | STEP | Section A                                   | Initial<br>Chief Eng | Action Description Chief Eng | Sign &<br>Date | Section C       | Chief Eng                     | QC Inspector                                 |
|             |      |   |                      |                              |                |                 | ·                             |  |
|             |      |   |                      |                              |                |                 |                               |  |
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|             |      | <u> </u>                                    |                      |                              |                |                 |                               |  |